RH/

Television User's Guide

Changing Entertainment. Again.

Please read this manual before operating this product for the first time.

ain. e

TOCOM 15902750



Models: F20TF20, MR51TF20, F27TF700, MR68TF700

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

This symbol indicates

risk of electric shock or

personal injury.

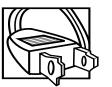
"dangerous voltage" inside

the product that presents a

Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates important instructions accompanying the product.



Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

NOM Requirements- Power Consumption: 120V ~ 60 Hz A.C. 88W (model F20TF20 and MR51TF20) 128W (model F27TF700 and MR68TF700)

Product Registration

Please fill out the product registration card (packed separately) and return it immediately. Returning the card allows us to contact you if needed.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. These numbers are located on the product.

 Model No._____
 Serial No._____
 Purchase Date: ______

 Dealer/Address/Phone: _____

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The VCR Plus+ and GUIDE Plus+ systems are manufactured under license from Gemstar Development Corporation and VCR Index Systems B.V., respectively.

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VCR required for recording.

Key Features Overview

Your TV is equipped with features that will add to your TV viewing experience. The following information summarizes a few of these features. Chapter 3 provides more information about the rest of the TV's features and how to use them.

NOTE: NOT ALL BROADCAST SERVICES ASSOCIATED WITH THIS PRODUCT, SUCH AS THE ELECTRONIC PROGRAM GUIDE SERVICE, ARE CURRENTLY AVAILABLE OUTSIDE THE UNITED STATES AND CANADA. PLEASE CHECK WITH YOUR LOCAL DEALER OR BROADCASTER FOR CURRENT AVAILABILITY OF SUCH SERVICES.



On-screen Program Guide

Description: The GUIDE Plus+[™] system is an on-screen interactive list of programs and information that is built into your TV. You can scroll through the guide to see what's on and tune directly to that program from the guide. You can also browse programs by category with the sort feature.

When you access the *News* feature, MSNBC appears in your video window if it's available through your TV.

One-Touch VCR Recording is another benefit of the GUIDE Plus+ system. You don't have to remember to program your VCR or use the menus in your VCR to set up a recording.

Requirements:

- Complete the on-screen interactive setup. You'll find detailed instructions in Chapter 1.
- One-Touch VCR Recording: You must connect the G-LINK[™] cable to the TV and place one of the wands in front of the remote sensor on the VCR.
- If you have a cable box, connect the G-LINK cable to the TV and place one of the wands in front of the remote sensor on the cable box.

V-CHIP	TV RA	ΓIΝ		L Cont		ΤIM
Rating	Status	D	L	S	V	FV
TV-14	View	V	Ň	V	V	
	to block p ent for thi					h
RATING	STATUS	D	L	S	V	FV
TV-MA	View					
TV-14	View					
TV-PG	View					
TV–G	View					
TV-Y7	View					
TV-Y	View					

V-Chip: Parental Controls

Description: You can block programs and movies by content, age-based ratings, and/or movie ratings.

Requirements:

- Set up the *Parental Controls* menu in the TV's main menu (Chapter 3 has details).
- The broadcasters must use the rating system when they send the program to your TV in order for your TV to block the program.

Introduction

CHANNEL

1 Signal Type

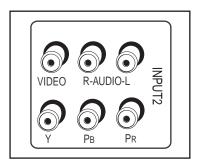
- 2 Auto Channel Search
- 4 Auto Tuning

0 Exit

Auto Tuning

Description: Allows you to set up the TV to automatically tune to a specific channel when you press a certain component (VCR, DVD player, etc.) button on the remote.

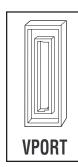
Requirements: Set up *Auto Tuning* in the TV's menu system. (Chapter 3 has details).



Component (Y, P_B, P_R) Jacks

Description: When connecting a component with Y, P_B , P_R jacks to the TV, provides optimum picture quality because the video is separated into three signals.

Requirements: Use three video-grade cables for the connection. Make sure to connect the left and right audio to the R-AUDIO-L INPUT2 jacks.



VPORT Jack

Description: Allows you to connect an $Xbox^{TM}$ video game system or a component, such as a DVD player, to the TV.

Requirements:

- When connecting an Xbox video game system to the TV, use only an Xbox to VPORT cable (Chapter 1 has details).
- When connecting a DVD player, for example, to the TV, use only the Component video to VPORT cable. The DVD player must have Y, P_B, P_R jacks (Chapter 1 has details).

"Xbox is a trademark of Microsoft Corporation in the United States and/or other countries."

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Connections & Setup

Chapter Overview:

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- Choose Your Connection
- Connections
- Using the VPORT Jack
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- Why You Should Connect This G-LINK Cable
- Plug in the TV
- Put Batteries in the Remote
- How to Use the Remote Control to Complete the Interactive Setup
- Turn on the TV
- Complete the Interactive Setup

Changing Entertainment. Again.



Graphics contained within this publication are for representation only.

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards sheet packed with your TV.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the back of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Important Stand and Base Safety Information

Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safeguards sheet packed with your TV.

Use Indirect Light

Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

Connection Pictures

Audio/video cables are usually bundled together. For better visibility, the connection pictures in this book show each cable separately (audio left, audio right, and video).



Demo Pin

You must remove the Demo Pin from the G-LINK jack on the back of your TV in order for your TV to operate properly and to connect the G-LINK cable.

Choose Your Connection

There are several ways to connect your TV. Please use the following chart to determine which connection is best for you. Proceed to the appropriate page and connect your TV.

Note: If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359.

Components	Connection Title	Cables Needed	Go to
VCR DVD	TV + VCR+ DVD	Coaxial Audio/video S-Video Component video G-LINK cable	pages 8-9
VCR	TV + VCR	Coaxial Audio/video G-LINK cable	page 10

Cables Needed to Connect Components to Your TV

The pictures below show the cables needed for the connections represented in this book.

Notes: Audio/Video cables (A/V cables for short) are usually sold as a bundled set, but the connection pictures in this book show each cable separately for better visibility.

Please locate the G-LINK cable (provided) when you're getting ready to set up your TV. You need to connect this cable to your TV, and to your VCR and/or cable box in order for all of the features of the program guide to work properly.



G-LINK cable



Audio/Video cables



S-Video cable



Component video (Y, P_B, P_R) cables

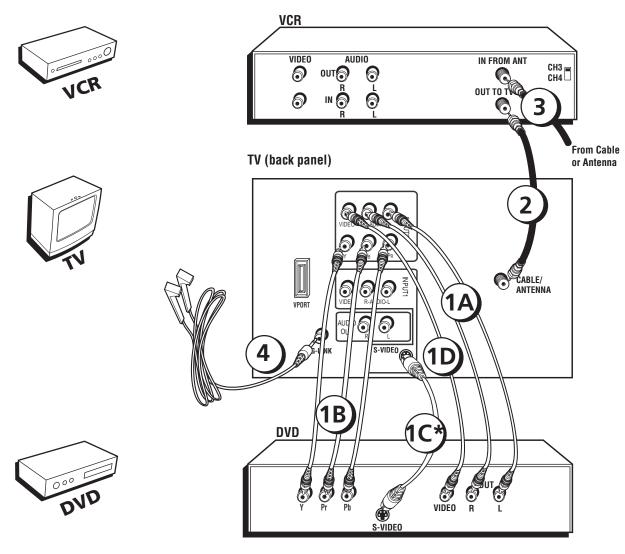


Component video to VPORT cable



Xbox to VPORT cable

Connections & Setup



* If you connect an S-Video cable, you must connect the audio cables to the INPUT1 AUDIO R and L jacks on the back of the TV, <u>**not**</u> the INPUT2 AUDIO jacks.

TV + VCR + DVD Player

1. Connect your TV to your DVD player

- A. Connect the audio cables (white and red) to the INPUT2 AUDIO R and L jacks on the back of the TV and to the Audio Output Jacks on the DVD player.
- B. If your DVD player has Component Output Jacks (Y, P_B, P_R), connect three video grade cables to the Y, P_B, P_R jacks on the DVD player and to the Y, P_B, P_R jacks on the back of the TV. If your DVD player doesn't have Y, P_B, P_R jacks, go to C.

-OR-

C. If your DVD player has an S-Video jack, connect an S-Video cable to the S-Video jack on the DVD player and the S-VIDEO jack on the back of the TV. If your DVD player doesn't have an S-Video jack, go to D.

Note: If you connect an S-Video cable, you must connect the audio cables to the INPUT1 AUDIO R and L jacks on the back of the TV, **not** the INPUT2 AUDIO jacks.

-OR-

D. Connect a video cable (yellow) to the Video Output Jack on the DVD player and to the INPUT2 VIDEO jack on the back of the TV.

2. Connect your TV to your VCR

Connect a coaxial cable to the CABLE/ANTENNA jack on your TV and to the Output Jack on your VCR (sometimes labeled OUT TO TV).

Note: If your VCR has A/V input jacks, you can connect your TV to your VCR using audio/video cables for better quality.

3. Connect cable or antenna to your VCR

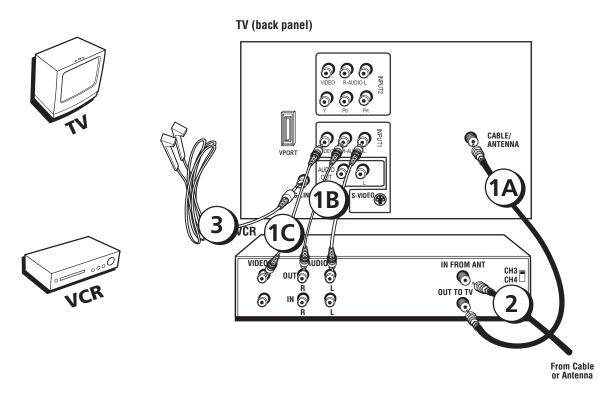
Connect the coaxial cable from your cable outlet or antenna to the Input Jack on your VCR (sometimes labeled IN FROM ANTENNA or IN FROM ANT).

4. Connect the G-LINK cable to the TV

If you haven't already done so, remove the Demo Pin from the G-LINK jack. Then, connect the G-LINK cable to the G-LINK jack on the TV. Next step, place one of the wands of the G-LINK cable to work with your VCR (instructions are on page 13).

Go to page 13

Connections & Setup



TV + VCR

1. Connect your TV to your VCR

- A. Connect a coaxial cable to the CABLE/ANTENNA jack on your TV and to the Output Jack on your VCR (sometimes labeled OUT TO TV).
- B. Connect the audio/video cables. Connect audio cables (white and red) to the INPUT1 AUDIO R and L jacks on the back of the TV and to the Audio Output Jacks on the VCR (sometimes labeled OUT R L).
- C. Connect the video cable (yellow) to the INPUT1 VIDEO jack on the back of the TV and to the Video Output Jack on the VCR.

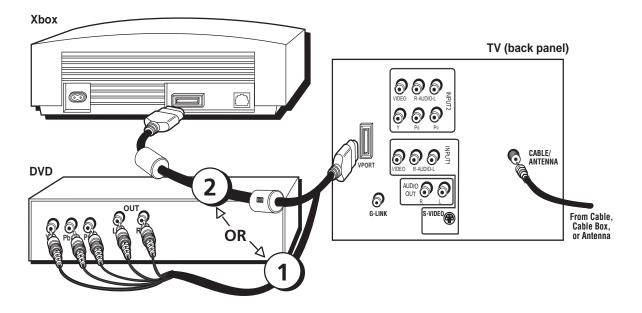
2. Connect cable or antenna to your VCR

Connect the coaxial cable from your cable outlet or antenna to the Input Jack on your VCR (sometimes labeled IN FROM ANTENNA or IN FROM ANT).

3. Connect the G-LINK cable to the TV

If you haven't already done so, remove the Demo Pin from the G-LINK jack. Then, connect the G-LINK cable to the G-LINK jack on the TV. Next step, place one of the wands of the G-LINK cable to work with your VCR (instructions are on page 13).

Go to page 13



Using the VPORT Jack

The VPORT jack lets you connect an Xbox video game system to the TV using an Xbox to VPORT cable (not provided). Go to the Accessory Order Form on page 59 to purchase the Xbox to VPORT cable. You can also connect a component, such as a DVD player, that has component video jacks (Y, P_B, P_R) using a Component video to VPORT cable (not provided). When using the Component video to VPORT cable, make sure to connect the left and right audio cables to the component in order for the TV to receive sound.

Note: The VPORT jack cannot be used for game consoles other than the Xbox video game system.

1. Connect your TV to a DVD player

Use a Component video to VPORT cable (not provided) to connect your TV to another component, such as a DVD player, that has Y, P_{B} , P_{R} jacks.

Connect the Component video to VPORT cable to the VPORT jack on the back of the TV.

Connect the other ends of the Component video to VPORT cable to the Y, P_B , P_R and the Audio Output Jacks on the back of the DVD.

-OR-



2.

Xbox to VPORT cable (not supplied)

Connect your TV to an Xbox video game system

Connect the end of an Xbox to VPORT cable (not provided) labeled TV to the VPORT jack on the back of the TV and the other end to the corresponding jack on the back of the Xbox video game system.

Note: If you have an audio receiver, you might be able to connect a digital audio cable to the digital audio jack that's on the VPORT cable.



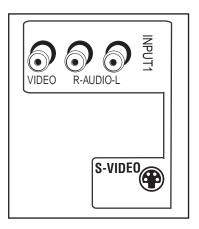
Jacks on the Back of the TV

This section describes each of the jacks on the back of the TV. When connecting A/V cables, be sure to connect corresponding outputs to inputs (video to video, right audio to right audio, etc.)

VPORT Go to page 11 for VPORT explanation.

G-LINK Connect the end of the G-LINK cable (provided) to this jack. The G-LINK cable enables the TV's GUIDE Plus+ system to interact with the cable box and/or the VCR. A picture of the G-LINK cable is on page 7.

CABLE/ANTENNA Lets you connect a coaxial cable to receive the signal from the antenna, cable or cable box.

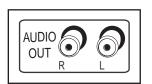


INPUT1 Lets you connect a component such as a VCR, DVD player, satellite receiver or laserdisc player.

- VIDEO provides composite video connection. The video connector is usually yellow.
- R AUDIO provides right audio connection. The right audio connector is usually red.
- L AUDIO provides left audio connection. The left audio connector is usually white.
- S-VIDEO provides better picture quality than the regular video jacks (INPUT1 and INPUT 2 VIDEO) because the color part of the signal is separated from the black and white part of the picture. When using S-Video, make sure to connect left and right audio cables to the R-AUDIO-L INPUT1 jacks.

INPUT2 Lets you connect a second component such as a VCR, internet access device, DVD player, or laserdisc player. Its AUDIO and VIDEO jacks are the same as described for INPUT1 above.

• Y, P_B, P_R (Component Video) provides optimum picture quality because the video is separated into three signals. Use three video-grade cables for the connection. When using Y, P_B, P_R, make sure to connect left and right audio cables to the R-AUDIO-L INPUT2 jacks.



INPUT2

AUDIO OUT R/L Lets you connect an amplifier or audio receiver for improved sound quality.

Note: You might want to turn off the TV's speakers from the Audio Menu. Go to page 49 for more information.

Why You Should Connect This G-LINK Cable

The G-LINK cable enables the GUIDE Plus+ system (the on-screen interactive program guide) to work with your VCR and/or cable box.

Cable Box – If your TV is connected to a cable box you must connect the G-LINK cable to receive TV program listings for your area, and to tune directly to a channel when the program guide is on your TV screen.

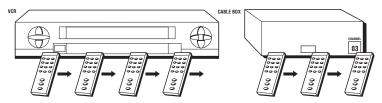
VCR – If your TV is connected to a VCR and you don't connect the G-LINK cable, one-touch VCR recording won't work. The other features of the guide will work properly.

How to Find the Remote Sensor

G-LINK cable

You have to place the G-LINK wands in front of the remote sensor on the VCR and/or cable box. Some cable boxes and VCRs have the remote sensor labeled on the unit. If the remote sensor isn't labeled on your VCR and/or cable box, you need to use the remote control that came with the VCR and/or cable box to locate the sensor.

- 1. Turn off the VCR and/or cable box.
- 2. Hold the remote control (**not** the one that came with your TV, but the one that came with the cable box and/or VCR to which you're attaching the G-LINK cable) so that it is touching the front of the component.
- 3. Slowly move the remote control across the front of the component (VCR or cable box) while you press the power button on and off. You must press and release the power button each time you move the remote (holding down the button won't work).

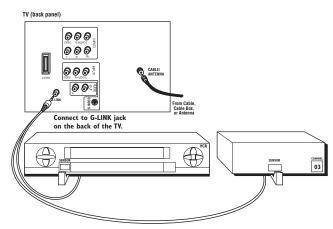


4. When the component turns on, you've located the remote sensor.

Placing the G-LINK Wands

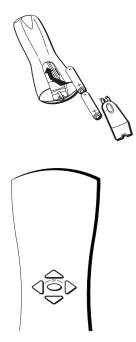
Place the G-LINK wands in front of the remote sensor on your VCR and/or cable box approximately one inch away from the remote sensor (see instructions below).

Tip If you don't have both a cable box and a VCR connected to your TV, just coil the cable of the extra G-LINK wand with a twist tie and leave it behind the TV.



Plug in the TV

Plug the end of the power cord into the wall outlet. Match the wide blade of the plug with the wide slot in the outlet. Insert the plug completely into the outlet.



Use the arrow buttons and the OK button to move through the menu system.

Put Batteries in the Remote

- 1. Remove the battery compartment cover on the remote.
- 2. Insert new batteries. Match the polarities (+ and -) on the batteries with the diagram on the remote.
- 3. Put the battery compartment cover back on the remote.

How to Use the Remote Control to Complete the Interactive Setup

The technical term is "Navigation" – how you move through the on-screen menus. The theory is the same throughout the menu screens: highlight your choice and select it.

To highlight an item on-screen, press the arrow buttons on the remote. Use the up or down arrow button to move up or down. Use the right or left arrow button to move right or left.

To select the item that you've highlighted, press OK.

Note: Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).

Turn on the TV

Press the TV button on the remote control or the POWER button on the TV (the first screen of the Interactive Setup appears). The menu screens "time out" after a period of time if you don't make a selection. The tips in this section tell you how to access the Setup menu screens manually.

Note: Pressing the TV button not only turns on the TV, but puts the remote into TV mode. "TV mode" means that the buttons on the remote control operate the TV's functions.

Complete the Interactive Setup

Tip

To access the setup menus manually, press MENU and choose Setup.

SETUP
Select the language to be used in these menus.
1 English
2 Español 3 Français

The menu system in your TV allows the TV's features to work properly. We call it the "interactive setup" because the TV asks you questions, you answer, and the TV makes the appropriate adjustments. The first time you turn on your TV, the setup screens appear automatically.

Set the Menu Language

The first part of the *SETUP* asks you to select your preferred language for the menu system.

- 1. Highlight your preferred language for the menu system.
- 2. Press OK to select that language.

SETUP

Would you like the TV to search for all available channels? 1 Search for channels 2 Skip this step

Complete Auto Channel Search

The next part of the *SETUP* asks if you want the TV to search for all available channels. This is sometimes called "auto programming."

- 1. Press OK to tell the TV to begin searching for channels. A progress report appears on the screen.
- 2. When the screen on the TV tells you the search is complete, press OK (the first GUIDE Plus+ system setup screen appears).

Note: If you skip Auto Channel Search now, you can access it later through the Channel menu. See *Chapter 4* for more details.

The GUIDE Plus+ System Setup

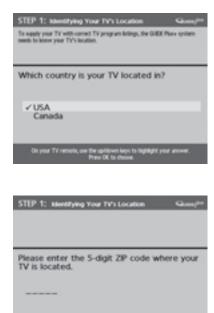
The GUIDE Plus+ system is an on-screen interactive program guide that lists what shows are on TV in your area. In order to receive program listings, you need to complete the following steps.

The G-LINK cable must be connected to the back of your TV, and the wands must be placed in front of the remote sensor on your cable box and/or VCR in order for the GUIDE Plus+ system to work (go back to page 13 for details).

- 1. You should see a screen displaying the features of the Guide Plus+ system. Press OK to continue.
- 2. The next screen asks you to locate setup materials and hardware. Once you have done this, press OK to continue.

Tip

If you move to a new zip or postal code, or if any of your information changes, you need to access the setup screens from the TV's main menu— press MENU, choose GUIDE Plus+ Menu, and choose GUIDE Plus+ Setup.



Step 1: Identifying Your TV's Location

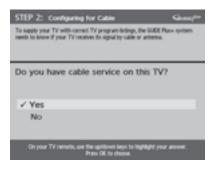
1. If your country is highlighted, press OK on the remote control.

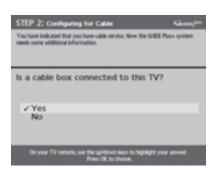
If your country isn't highlighted, press the up or down arrow button on the remote control to highlight your country and press OK.

2. Use the number buttons on your remote to enter your zip code.

Press OK when you're finished.

Note: If your postal code contains letters, press the up and down arrow buttons on your remote to enter letters, and press the right arrow button to go to the next space. The left arrow button moves you to the left.





Tip

If you're not sure which channel is the cable box's output channel, consult the book that came with your cable box or contact your cable company.

Step 2: Configuring for Cable

The next series of screens asks you about your cable setup. To supply your TV with the correct TV program listings, the GUIDE Plus+ system needs to know if your TV is connected to cable.

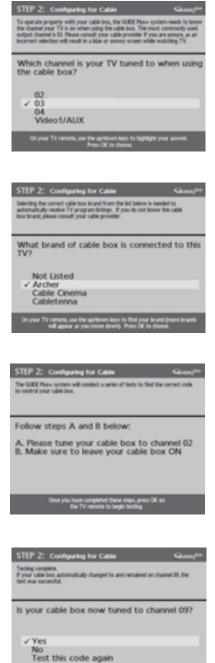
1. If your TV is connected to cable, highlight Yes and press OK.

If your TV isn't connected to cable, highlight *No* and press OK (*STEP 3: Configuring for a VCR* appears). Go to page 18.

2. If you have a cable box connected to this TV, highlight *Yes* and press OK on your remote control.

Note: The next series of screens is very important because the GUIDE Plus+ system must find the correct cable box information in order to receive the correct TV program listings.

If you don't have a cable box connected to this TV, highlight *No* and press OK (*STEP 3: Configuring for a VCR* appears). Go to page 18.



3. Highlight the channel to which you have to tune your TV in order to see cable programming, and press OK (a screen appears reminding you to connect your G-LINK cable to your TV and cable box).

Notes: Channel 03 is the most common.

Choose Video1/AUX if your cable box is connected to your TV with audio/video cables instead of a coaxial cable. Go to page 7 for pictures of these cables.

4. Highlight your brand of cable box, and press OK.

If your brand isn't listed, highlight Not Listed and press OK.

5. Make sure your cable box is on.

Tune the cable box to channel 02 (use the remote control that came with your cable box, or press the channel buttons on the cable box).

Press OK (the GUIDE Plus+ system starts testing codes).

Important Note: When code testing is in progress, don't touch your TV, VCR, cable box or any of the remote controls for these products.

6. Look at your cable box. If it is still on and changed to channel 09, the test was successful. Highlight *Yes*, and press OK (*STEP 3: Configuring for a VCR appears*).

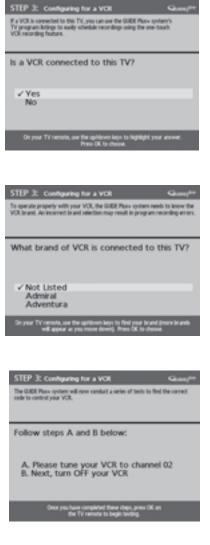
If your cable box didn't change to channel 09 or turned itself off, you have two choices: *No* and *Test this code again*.

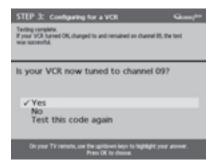
Test this code again: If you think the TV, the cable box, or any of the remote controls might have been touched or bumped during the test, highlight *Test this code again* and press OK (the GUIDE Plus+ system runs the same set of codes).

No: If you don't think the test was interrupted, highlight *No* and press OK (GUIDE Plus+ system tests the next code).

Repeat the previous instructions until the TV finds the correct cable box code. Follow the instructions on the screen.

Note: If the TV can't find your cable box code, a troubleshooting checklist appears. Carefully review each checklist and follow the instructions on the screen.





Step 3: Configuring for a VCR

- 1. If your TV is connected to a VCR, press OK (a screen appears reminding you to connect your G-LINK cable to your TV and VCR).
 - If it is not, highlight No and press OK.

2. Use the up and down arrow buttons to highlight the brand of your VCR that is connected to the TV and press OK.

If your brand isn't listed, highlight Not Listed and press OK.

3. Tune your VCR to channel 02. Next, turn OFF your VCR. When you complete these steps, press OK to begin testing.

Important Note: When code testing is in progress, don't touch your TV, VCR, or any of the remote controls for these products.

4. Look at the front of your VCR. If your VCR turned on automatically and changed to channel 09, the test was successful. Highlight *Yes* and press OK.

If your VCR didn't change to channel 09, you can either choose *No* or *Test this code again*.

If you think your TV or remotes might have been touched during the test, tune your VCR to channel 02, turn off your VCR and highlight *Test this code again*.

If you don't think the test was interrupted, highlight *No*. Tune your VCR to channel 02 and turn off your VCR. Press OK (the GUIDE Plus+ system starts testing another set of codes.)

Keep following the previous instructions until the VCR finds the correct code.

Tip

Leave your cable box turned ON to download program information.

Leave your VCR turned OFF to record programs.

STEP 4: Confirming Your Settings	General
You have entered the following GIEX Plan+ system settings marked INCOMPLITE, you will not be able to use that feature	 If any second is a netlik you complete.
that portion of GUEE Plan+ system setup. Country - ULA	
29 code - 11101	
Cable - Yes Cable Inte - Yes	
Cable box-output-channel - El	
Cable box remote control code - Jerrold 81-82 VCR - Yes	
VCR.nemote control code - RCA IN-IS	
Are the above settings correct?	
✓ Yes, end setup	
No, repeat setup process	
Decysur TV remote, use the up/down keys to highlight Press DK to choose.	your answer

Congratulational Gioscophin
You have completed setup of your GUEE Plane system. Within Xi hours, your 'Y' will readine your local channel broup and 'Y' program histoge. In the meantime, you may continue normal 'Y' viewing.
What would you like to do now?
Watch TV
View demo
On your TV remote, use the uplifoun keys to highlight your answer. Here CR to choice.

Note: If the GUIDE Plus+ system can't locate the correct code for the VCR, a list of troubleshooting instructions appears to help you before you try again.

- Try VCR configuration again: repeat VCR setup.
- Test alternate codes: tests selected brands and if this fails, the test continues with all codes in the system.
- Skip this step: the GUIDE Plus+ system won't be able to automatically schedule programs to record on your VCR.

Step 4: Confirming Your Settings

1. Check to make sure all settings are complete and correct. If all settings are complete, highlight *Yes, end setup* and press OK. If your cable box and/or VCR code testing failed, you should see *INCOMPLETE* where the cable box and VCR codes are listed. Once setup is complete, additional screens appear.

If any settings are incomplete or incorrect, highlight *No, repeat setup process* and press OK. Follow the instructions on the screen.

2. You can choose to view a demo of the GUIDE Plus+ features, which may take a few minutes to load. If you don't want to see the demo right now, press OK to watch TV.

What to Expect

The next time you turn on your TV, the GUIDE Plus+ system will appear on the screen. The following examples explain what you might see:

- If all of the program information has been sent to your TV, the GUIDE Plus+ system appears with all of your TV program listings.
- If the program information hasn't been sent to your TV yet, an outline of the Guide (without TV program listings) will appear on the screen. Program information is usually sent to your TV at night.
- If the TV detected that you have multiple cable companies in your area, *STEP 5: Choosing Your Channel Lineup* appears.

Features of the GUIDE Plus+ system are explained in Chapter 3.

To clear the guide from your screen, press CLEAR or GUIDE on the remote control.

Next Steps

Now that you've finished the Interactive Setup, you're ready to watch TV. This might be a good time to program your remote control. The remote control that came with this TV can be programmed to operate other components. Go to the next chapter to find out how to program your remote.

Chapter 2

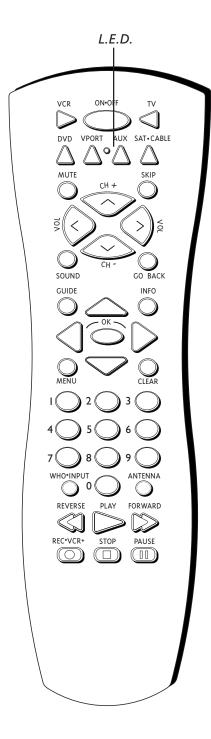
Using the Remote Control

Chapter Overview:

- The Buttons on the Remote Control
- Programming the Remote to Operate Other Components
- How To Use the Remote After You've Programmed It
- Code List



Graphics contained within this publication are for representation only.



The Buttons on the Remote Control

0-9 (Number buttons) Enter channel numbers and time settings directly through the remote control.

To enter a two-digit channel, press the two digits. To enter a three-digit channel, press and hold the first digit for two seconds until two dashes appear to the right of the number, then add the second two. Example: to tune to channel 123, press and hold 1 for two seconds, press 2, then press 3.

Arrow buttons (up, down, left, right) Move through the on-screen menu system.

ANTENNA Functions as TV/VCR button in VCR mode and TV/receiver button in SAT•CABLE mode.

AUX (auxiliary) Puts the remote in auxiliary mode to operate the component you've programmed the remote to operate with this button. You can program this button to control a cable box, audio components, a VCR, DVD player or satellite receiver. If you set up the Auto Tuning feature (Chapter 3), pressing the AUX button automatically tunes the TV to the correct channel.

CH (up and down) buttons Scan up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to TV viewing.

DVD Puts the remote in DVD mode. If you set up the Auto Tuning feature (Chapter 3), pressing the DVD button automatically tunes the TV to the correct channel.

FORWARD If you're operating a VCR or DVD player with the remote control, press FORWARD to advance a videotape or disc.

GO BACK Returns you to the previous channel.

GUIDE Displays the GUIDE Plus+ system; press GUIDE again to remove it from the screen.

INFO Displays channel information.

L.E.D. (light-emitting diode) The little light on the remote that lights when you are programming the remote. It also lights when you press a valid button on the remote.

MENU Displays the TV's Main menu. You can also press and hold for 2 seconds to display the GUIDE Plus+ system.

MUTE Lowers the volume to its minimum level. Press again to restore volume.

OK When a menu is on the screen, press OK to select the item that is highlighted.

ON•OFF Turns the TV on and off. When the remote is in another mode (VCR, DVD, Satellite, etc.) and the remote is programmed to operate that component, you can press ON•OFF to turn the component on and off.

Tip

To turn off all the RCA, GE, and Proscan components that are connected to the TV, press ON•OFF twice within two seconds.

This feature only works with most RCA, GE and Proscan products. **PAUSE** If you're operating a VCR or DVD player with the remote control, press PAUSE when the videotape or disc is playing to pause playback.

PLAY If you're operating a VCR or DVD player, plays the videotape or disc.

REC•VCR+ When the GUIDE Plus+ program guide is on the screen, press REC•VCR+ to program your VCR to record a program. If the remote is in VCR mode, press REC•VCR+ to start recording.

REVERSE If you're operating a VCR or DVD player with the remote control, press REVERSE to go backwards on a videotape or disc.

SAT•CABLE Puts the remote in SAT•CABLE mode. If you set up the Auto Tuning feature (Chapter 3), pressing the SAT•CABLE button automatically tunes the TV to the correct channel.

SKIP If you press this button before you change the channel, the TV waits 30 seconds and automatically goes back to the original channel. Each time you press SKIP, you add 30 seconds (i.e, if you press SKIP two times before you change the channel, the TV waits 60 seconds and automatically turns back to the original channel). Press CLEAR to cancel skip timer.

SOUND Displays the AUDIO PROCESSOR menu.

STOP If you're operating a VCR or DVD player, stops playing the videotape or disc.

TV Turns on the TV and puts the remote in TV mode. Also displays channel information.

VCR Puts the remote in VCR mode. If you set up the Auto Tuning feature (Chapter 3), pressing the VCR button automatically tunes the TV to the correct channel.

VPORT Tunes the TV to the VPORT input channel. You can program this button to control a cable box, audio components, a VCR, DVD or satellite receiver. When programmed, changes the mode of the remote when the button is pressed. To restore the VPORT button to factory default mode (unprogrammed), press and hold VPORT, then press 1, 0, 0, and 0.

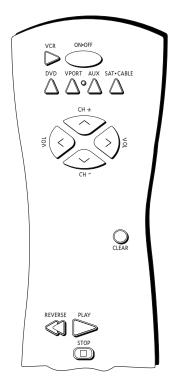
VOL (up and down) buttons Decrease or increase the TV's volume.

WHO•**INPUT** In TV mode, press WHO•INPUT to toggle through the available Video Input channels (FRNT, VID1/SVID1, VID2/CVID2, VPORT and the current channel). In SAT mode, press to select available channel lists.

Using the WHO•INPUT Button

Use the WHO•INPUT button to toggle through the available input sources (FRNT, VID1/SVID1, VID2/CVID2, VPORT and the current channel) and view the content from the component you have connected to the TV.

- 1. Press TV to place the remote in TV mode. Make sure that the content from the component is turned ON.
- 2. Press WHO•INPUT to tune to the available input source and view the component.
- 3. Press WHO•INPUT again to tune back to the channel you were previously watching.



You'll use these buttons when you program the remote to operate another component.

The remote may not operate all models of all brands.

Tip

To stop the automatic code search without programming any components, press and hold CLEAR until the light on the remote turns off.

Programming the Remote to Operate Other Components

The universal remote control can be programmed to operate most brands of remote controllable VCRs, DVD players, audio receivers, satellite receivers and cable boxes. The remote is already programmed to operate most RCA, GE and Proscan VCRs, DVD players, audio receivers and satellite receivers.

Note: The TV button cannot be programmed.

Find Out If You Need to Program the Remote

To determine whether the universal remote needs to be programmed, turn a component ON, such as a VCR, point the remote at the VCR, and press the VCR button. Then press ON•OFF or channel up or channel down to see if the VCR responds to the remote commands. If not, the remote needs to be programmed.

How to Program the Remote

There are two ways to program the remote control: automatic code search and direct entry. Instructions for both ways follow.

Using Automatic Code Search

- 1. Turn on the component you want the remote to operate (VCR, etc.)
- Press and hold the component button on the remote control that corresponds to the component you want the remote to operate (VCR, etc.). While you hold down the component button, press and hold ON•OFF (when the light on the remote turns on, release both buttons).
- 3. Press PLAY (the light on the remote, located below the ON•OFF button, starts flashing).

The remote is searching the first set of component codes (there are 20 sets of codes). If the component you want to operate doesn't turn off automatically after 5 seconds, press PLAY again (the light starts flashing again as the remote searches through the next set of codes).

Continue pressing PLAY until the component turns off.

Note: If the component doesn't turn off after you've pressed the PLAY button 20 times, the component can't be programmed.

- 4. Press REVERSE, wait 2 seconds. Repeat this step until the component turns back on.
- 5. To finish, press and hold the STOP button until the light on the remote turns off.

Using Direct Entry

- 1. Turn on the component you want the remote to operate.
- 2. Look up the brand and code number(s) for the component on the code list at the bottom of the page or on page 26.
- 3. Press and hold the component button that corresponds to the component you want the remote to operate (VCR, etc.)
- 4. Enter the code from the code list.
- 5. Release the component button.
- 6. Press ON•OFF to see if the component responds to the remote commands. If it doesn't, try pressing the component button and then ON•OFF again.
- 7. If you get no response, repeat these steps using the next code listed for your brand until the component responds to the remote commands.

How to Use the Remote After You've Programmed It

Once the remote has been programmed successfully, you are ready to use it to control your components. To operate the component:

- 1. Press the component button (TV, VCR, VPORT, DVD, AUX, or SAT•CABLE) to set the remote to operate the component.
- 2. Press ON•OFF to turn the component ON or OFF.
- 3. Use the remote buttons that apply to that component.

Note: If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press VCR on the remote control to put the remote in VCR mode.)

Remote Codes

Cable Box Codes

Programmable for SAT•CABLE, AUX and VPORT buttons.

ABC 5002, 5003, 5004, 5005,	5006,	5053
Antronix	5008,	5009
Archer	5009,	5010
Cabletenna		5008
Cableview		
Colour Voice		
Comtronics		
Contec		
Eastern		
GC Electronics		5009
GE		
Gemini		
General Instrument		5003
Hamlin 5020, 5021, 5022, 5028,	5035.	5045
Hitachi		5003
Jerrold 5003, 5018, 5023, 5024,		
Magnavox		
Memorex		
Movie Time		5027
NEC		
NSC		
Oak		
Panasonic		
Philips		
)	

Pioneer	5025, 5030, 5031, 503
Proscan	
RCA	
Realistic	
Regal	
Regency	
Rembrandt	
Samsung	
Scientific Atlanta	5006, 5036, 5037, 503
Signal	
Signature	
Sprucer	
Standard Components	5039, 504
Starcom	
Stargate	
Starquest	
Tandy	
Teleview	
Тосот	
Tusa	
TV86	
Unika	
United Cable	
Universal	
Viewstar	- ,,-
Zenith	

Satellite Receiver Codes

Programmable for SAT•CABLE, AUX and VPORT buttons.

Alphastar	5070
Alphastar	
Chapparal	
Dishnet	
Drake	5058, 5059
Echostar	5089
GE	
General Instruments	
Hitachi	5083, 5084
Hughes	
JVC	
Panasonic	5075
Philips	5085
Primestar	5076
Proscan	5000, 5001
RCA 5000, 5001,	5071, 5080, 5081
Realistic	5063
Sony	
STS1	
STS2	
STS3	
STS4	
Toshiba	
Uniden	
omden	

Tip

The buttons might operate differently for other components, especially when you're using another component's menu system.

VCR Codes

Programmable for VCR, VPORT and AUX buttons.

buttons.						
Admiral						2132
Adventura						
Aiko						2027
Aiwa						
Akai						
American High						
Asha Audio Dynamics						
Audiovox						
Bell & Howell						
Beaumark						
Broksonic						
Calix						
Candle						
				. 2017	, 2018,	2019
Canon						
Capehart						
Carver						
Citizen						
Citizen	2015	2016	2017	2018	2019,	2014,
Colortyme	. 2017	, 2010	, 2017,	, 2010	, 2017,	2002
Colt						
Craig			. 2013,	2014	2023,	2061
Curtis-Mathes				2000.	2009.	2013.
	, 2018	, 2021	, 2022,	2024	, 2115,	2131
Cybernex						. 2013
Daewoo		2015,	2017,	2019,	2025,	2026,
Daytron				2027	, 2028,	2110
Daytron DBX						
Dimensia						
Dynatech						
Electrohome						
Electrophonic						
Emerson						
	2036,	2037,	2038,	2039,	2040,	2041,
	2042	2044				
	,	2044,	2045,	2046,	2047,	2065,
			2113,	2116	2117,	2130
Fisher			2113,	2116 2011,	2117, 2023,	2130 2048,
Fisher		. 2049	2113, 2050,	2116 2011, 2051	2117, 2023, 2052,	2130 2048, 2118
Fisher Fuji		. 2049	2113, 2050,	2116 2011, 2051	2117, 2023, 2052, 2021,	2130 2048, 2118 2119
Fisher Fuji Funai		. 2049	2113, 2050,	2116 2011, 2051	2117, 2023, 2052, 2051,	2130 2048, 2118 2119 2026
Fisher Fuji Funai Garrard GE		. 2049	2113, 2050,	2116 2011, 2051 2000,	2117, 2023, 2052, 2051, 2021,	2130 2048, 2118 2119 2026 2026 2013,
Fisher Fuji Funai Garrard GE		. 2049	2113, 2050,	2116 2011, 2051 2000,	2117, 2023, 2052, 2051, 2021,	2130 2048, 2118 2119 2026 2026 2013,
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Fisher	. 2021	. 2049 , 2022 , 2009	2113, 2050, 2053, 2014,	2116 2011, 2051 2000, 2115 2018	, 2117, 2023, 2052, 2021, 2001, , 2120, , 2054,	2130 2048, 2118 2119 2026 2013, 2131 2131 2026 2026 2026 2026 2009 2009 2001 2001
Fisher	. 2021	. 2049 , 2022 . 2009	2113, 2050, 2053, 2014,	2116 2011, 2051 2000, 2115 2018	2117, 2023, 2052, 2021, 2001, 2120, 2054, 2055,	2130 2048, 2118 2119 2026 2026 2013, 2131 2131 2026 2026 2009 2009 2009 2001 2005,
Fisher	. 2021	. 2049 , 2022 . 2009 . 2057	2113, 2050, 2053, 2014, , 2107,	2116 2011, 2051 2000, 2115 2018 2018	2117, 2023, 2052, 2021, 2001, 2120, 2054, 2055, 2120,	2130 2048, 2118 2119 2026 2026 2013, 2131 2131 2026 2009 2009 2009 2001 2001 2011 2056, 2122
Fisher	. 2021	. 2049 , 2022 , 2009 , 2009 , 2009	2113, 2050, 2053, 2014, 2014, 2107,	2116 2011, 2051 2000, 2115 2018 2018	, 2117, 2023, 2052, 2021, 2001, 2001, 2054, 2055, 2120,	2130 2048, 2118 2119 2026 2013, 2131 2131 2026 2009 2061 2009 2061 2011 2056, 2122 2023
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Fisher	. 2021	2049, 2022 2009, 20057, 2014, 2014, 2058,	2113, 2050, 2050, 2053, 2014, 2014, 2009, 2021, 2009, 2021, 2059,	2116 2011, 2051 2000, 2115 2018 2111 2111 2010, 2022, 2060	2117, 2023, 2052, 2021, 2001, 2001, 2054, 2055, 2120, 2011, 2055, 2107,	2130 2048, 2119 2026 2026 2013, 2131 2131 2026 2029 2061 2029 2061 2020 2021 2056, 2122 2023 2021 2021 2021 2021 2013, 2056, 2118
Fisher	2021	2049. 2022 2009. 2007. 2014, 2014,	2113, 2050, 2053, 2014, 2014, 2009, 2009, 2009, 2009, 2009, 2059,	2116 2011, 2051 2000, 2115 2018 2111 2010, 2022, 2060 2055	2117, 2023, 2052, 2021, 2001, 2001, 2054, 2055, 2120, 2011, 2011, 2015, 2011, 2015, 2015, 2017, 2017, 2054, 2017,	2130 2048, 2118 2119 2026 2006 2013, 2131 2032 2006 2009 2061 2011 2056, 2122 2023 2021 2021 2023, 2021 2023, 2021 2013, 2021 2013, 2014 2015 2026 2029 2026 2029 2026 2029 2026 2029 2026 2029 2026 2029 2026 2026
Fisher	. 2021.	2049, 2022 2009, 2007, 2014, 2014, 2010,	2113, 2050, 2050, 2014, 2107, 2009, 2011, 2009, 2011,	2116 2011, 2051 2000, 2115 2018 2111 2010, 2022, 2010, 2025 2018	2117, 2023, 2052, 2021, 2001, 2120, 2054, 2055, 2120, 2055, 2120, 2011, 2055, 2111,	2130 2048, 2118 2119 2026 2005 2013, 2131 2037 2006 2009 2061 2011 2056, 2022 2023 2021 2021 2023, 2021 2023, 2021 2013, 2025 2013, 2021 2014, 2026 2029 2026 2026 2026 2026 2026 2026
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Fisher	2021	2049. 2022 2009. 20057. 2014. 2014. 2014. 2010.	2113, 2050, 2053, 2014, 2014, 2009, 2021, 2009, 2021, 2019, 2011, 2016,	2116 2011, 2051 2000, 2115 2018 2111 2010, 2022, 2060 2055 2018 2009, 2058 2018	2117, 2023, 2052, 2021, 2001, 2120, 2055, 2120, 2055, 2120, 2011, 2055, 2107, 2055, 2107, 2055, 2117, 2016, 2011, 2011, 2011, 2011, 2011, 2011, 2011, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 2012, 2011, 201, 20	2130 2048, 2118 2026 2026 2013, 2131 2131 2026 2026 2026 2026 2020 2020 2020 202
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Proscan	
RCA	
Sanyo	
Sony	
Toshiba	
Zenith	

Audio Codes

Programmable for AUX and VPORT buttons.

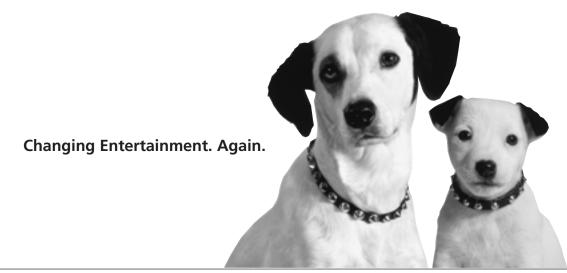
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Using the TV's Features

Chapter Overview:

- About the GUIDE Plus+ System
- The Channel Banner
- Auto Tuning
- Parental Controls and V-Chip



Graphics contained within this publication are for representation only.

Video Action Program Menu window buttons information options

Promotional information

Channel listings

NOTE: NOT ALL BROADCAST SERVICES ASSOCIATED WITH THIS PRODUCT, SUCH AS THE ELECTRONIC PROGRAM GUIDE SERVICE, ARE CURRENTLY AVAILABLE OUTSIDE THE UNITED STATES AND CANADA. PLEASE CHECK WITH YOUR LOCAL DEALER OR BROADCASTER FOR CURRENT AVAILABILITY OF SUCH SERVICES.

About the GUIDE Plus+ System

The GUIDE Plus+ system is an interactive on-screen program guide that lists TV schedules for your area and allows your TV direct control of a cable box and/or VCR. You must first set up the GUIDE Plus+ Menu system in order to view this on-screen program guide (see Chapter 1 for details). Press GUIDE to bring up the GUIDE Plus+ system.

There are six sections of the GUIDE Plus+ system:

- Video window
- A row of Action buttons at the top of the screen (1, 2 and 3)
- Program information
- A row of menu options (*Grid, Sort, News, Schedule, Messages, Promotions, Channels, Setup*)
- Promotional information
- Channel listings

Note: The GUIDE Plus+ system screens illustrated in this book are representations of what you are likely to see. Not all channels, programs, and GUIDE Plus+ information depicted will be available in your area.

New features and options can be downloaded to the GUIDE Plus+ system, so these too are subject to change.

Downloading Data

The GUIDE Plus+ system is not available until it completes its first download of program listings. When the power is turned off, the TV locates a "host channel" that carries GUIDE Plus+ system data containing program schedule and channel lineup information. A channel lineup is the list of stations and their respective channels.

To ensure that your first download of data is complete, you should leave your TV off overnight. Downloads occur several times a day. The TV must be turned off for GUIDE Plus+ system data to download.

If the TV loses power or is unplugged, GUIDE Plus+ system program listings may be lost. When power is restored, make sure the setup information is still correct. The GUIDE Plus+ system will receive updated program information during the next scheduled download.

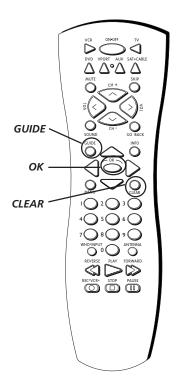
Channel Lineup

If more than one cable company services your area, you may be prompted with *STEP 5: Choosing Your Channel Lineup* after the first GUIDE Plus+ system download. You will need to identify your cable company by selecting the correct channel numbers for the stations in question.

• Use the up and down arrow buttons to change the channel group and press OK when the correct channel group is highlighted.

Tip

Since the program information provided by the GUIDE Plus+ system is based on your locale, you will need to run Setup again if you move to a different zip or postal code.



Press GUIDE on the remote control to see the GUIDE Plus+ system. To remove the program guide from the screen, press OK, GUIDE, or CLEAR.

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Getting In & Out of the GUIDE Plus+ System

To enter the GUIDE Plus+ system:

- Press GUIDE on the remote.
- Press and hold MENU for 2 seconds on the front panel.

To exit the GUIDE Plus+ system:

- Highlight a program and press OK to exit the GUIDE Plus+ system and tune to the channel.
- Press GUIDE to exit the GUIDE Plus+ system and tune to the channel displayed in the video window.
- Press CLEAR to exit the GUIDE Plus+ system and return to the original channel.

The GUIDE Plus+ System Menus

The GUIDE Plus+ system offers eight different options on the Menu bar: *Grid, Sort, News, Schedule, Messages, Promotions, Channels* and *Setup.* To access the Menu bar:

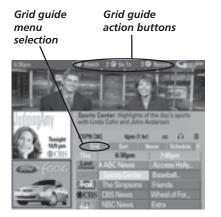
- 1. Press GUIDE to access the GUIDE Plus+ system.
- 2. Press MENU or use the up and down arrow buttons to select the Menu bar (the Grid Guide appears by default).
- 3. Use the left and right arrow buttons to access other menus.
- 4. Press OK, or MENU, or use the down arrow button to see the menu options.

Grid Guide

The Grid Guide appears each time you enter the GUIDE Plus+ system. It displays the current programming for each channel. The current program is displayed in the video window.

- Press the up and down arrow buttons on the remote to browse channel listings and the channel up and down buttons to page through the listings. Use the right and left arrow buttons to browse future program listings.
- To tune to a channel, highlight the program you want to view in the channel listing and press OK. Press CLEAR to exit the GUIDE Plus+ system and return to the original channel. Press GUIDE to exit the GUIDE Plus+ system and tune to the channel in the video window.

Then use the Grid Guide Action Buttons as described next.



Grid Guide Action Buttons

Action buttons will change according to where you are in the GUIDE Plus+ system. Be sure to look at the action bar before pressing the command numbers.

When highlighting the program, the following Action buttons appear:

- **Watcb** Press 1 on the remote to place a timer in the Schedule for the TV to turn on and tune to the program highlighted in the channel listing. When the TV turns on, the GUIDE Plus+ system will automatically appear with the scheduled program highlighted and tuned in the video window.
- **Go To** Press 2 on the remote to bring up the direct dial box and enter the number of the channel you want. Press OK to highlight the channel and current program in the channel listing of the Grid guide. Press OK again to tune to the highlighted channel. If the video window is unlocked, it will automatically tune to the channel.
- *Record* Press 3 on the remote to place a timer in the Schedule for the VCR to record the program highlighted in the channel listing.

If you have a cable box, changing channels on the TV will not cause the cable box channel to change while recording.

Record will only appear if you have set up the GUIDE Plus+ system and specified your VCR type.

The program information window will display a confirmation when you have successfully scheduled a program to watch or record.

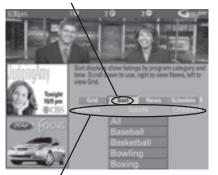
Note: If you have selected two programs to watch or record which begin at the same time or overlap, you will receive a timer conflict message. You must choose between the two programs.

When highlighting the Channel names (the left column on the channel listing), the following Action buttons appear:

- *Lock/Unlock* Press 1 to lock or unlock the video window to either stay at one channel as you browse the GUIDE Plus+ system (lock) or change as you browse through different channels (unlock).
- **Go To** Press 2 on the remote to bring up the direct dial box and enter the number of the channel you want. Press OK to highlight the channel and current program in the channel listing of the Grid Guide. If the video window is locked, press OK to tune to the highlighted channel. If the video window is unlocked, it will automatically tune to that channel.

1 🥯 🔒 Lock 2 🥥 Go To 3 🌍

Sort menu selection



Categories

Sort

The *Sort* menu lets you browse programs by category. The channel to which you are currently tuned is displayed in the video window.

To Sort:

- 1. If the GUIDE Plus+ system isn't on your screen, press GUIDE on your remote control.
- 2. Press MENU on the remote to select the Menu bar.
- 3. Use the arrows to highlight *Sort*. When *Sort* is highlighted for the first time, the *Movies* category is displayed. Thereafter, the last category used becomes the default. A listing of subcategories is displayed below the category name. Use the left and right arrows to highlight other categories.
- 4. Use the up and down arrow buttons to highlight a subcategory. For example, highlight *All* and press OK (the GUIDE Plus+ system sorts the programs).
- 5. Press the up and down arrow buttons to review the list one program at a time. Press the channel up and down to review the list one page at a time.
- 6. Select MENU to return to the menu bar, or press GUIDE or CLEAR to exit the GUIDE Plus+ system.

Then use the Sort Menu Action Buttons as described next.

🕘 Watch 🛛 2 🕥

3 🔿 Record

Sort Menu Action Buttons

When viewing the results of a Sort, the following Action buttons appear:

- *Watcb* Press 1 on the remote to place a timer in the Schedule, and then follow the on-line help for further options. Placing a timer in the Schedule will cause the TV to turn on and tune to the program highlighted in the Channel listing at the predetermined time.
- *Record* Press 3 on the remote to set the VCR to record the program highlighted in the channel listing. If you have a cable box, changing TV channels will not cause the cable box channel to change while recording.

The program information window will display a confirmation when you have successfully scheduled a program to watch or record.

Notes: If you have selected two programs to watch or record which begin at the same time or overlap, you will receive a timer conflict message. You must choose between the two programs.

Be sure that during the GUIDE Plus+ system setup you specified that you have a VCR.

News menu



News

The News menu lets you browse current news stories by headline.

- 1. If the GUIDE Plus+ system isn't on your screen, press GUIDE on your remote control.
- 2. Press MENU on the remote control to select the menu bar.
- 3. Use the arrows to highlight *News* (if MSNBC is available on your TV, it will appear in the video window).
- 4. Use the up and down arrows to highlight a story.
 - Use the up and down arrows to browse the list one story at a time.
 - Use the channel up and down to browse through the list one page at a time.
- 5. Press the right arrow button to see full text.
- 6. If there are multiple pages of text, press the right or left arrow button to page forward or back through the pages of text. Press the down arrow to view the next story.
- 7. Select MENU to return to the Menu bar, or press GUIDE or CLEAR on the remote to exit the GUIDE Plus+ system.



Schedule

The *Schedule* menu allows you to alter timers for either viewing or recording programs. The GUIDE Plus+ system allows one-touch VCR recording if you have connected the G-LINK cable to your VCR. See Chapter 1 for more details on connecting the G-LINK cable.

To schedule a program to watch or record:

- 1. If the GUIDE Plus+ system isn't on your screen, press GUIDE on your remote control.
- 2. Press MENU on the remote to select the Menu bar.
- 3. Highlight a program within the Channel listing.
- 4. Select *Watch* or *Record* from the Action buttons bar. The timer is then automatically logged into the *Schedule* menu.
- 5. If you select *Record*, make sure to place a blank tape in the VCR and turn it off.

Note: If you have a cable box connected to your TV and VCR, tune your VCR to the cable box output channel prior to turning off the VCR.

The program information window will display a confirmation when you have successfully scheduled a program to watch or record.

Note: If you have selected two programs to watch or record which begin at the same time or overlap, you will receive a timer conflict message. You must choose between the two programs.

To remove or change the frequency (daily, once, or weekly) of a scheduled event, access the *Schedule* menu from the Menu bar.

- 1. Press GUIDE to bring up the GUIDE Plus+ system.
- 2. Press MENU on the remote to select the Menu bar.
- 3. Use the arrows to highlight the *Schedule* menu selection.
- 4. Use the up and down arrows to highlight the program you want to edit.

Then use the Schedule Menu Action Buttons as described next.

Schedule Menu Action Buttons

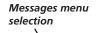
When viewing the Schedule menu the following Action buttons appear:

- *Remove* Highlight the *Watch* or *Record* timer you wish to remove from the schedule and press 1 on the remote.
- *Change* Highlight the *Watch* or *Record* timer you wish to change and press 3 on the remote to toggle the frequency between the following choices:

 $\ensuremath{\textit{DAILY}}$ records the same program each day Monday through Friday.

ONCE records only on that day.

WEEKLY records the program each week at the same time.



UIDE Plus+ ID Numbe

3 🔘 Chanoe



Occasionally you will receive messages regarding your GUIDE Plus+ system, as well as special programming information. You can access these messages from the *Messages* menu on the Menu bar.

To read messages:

- 1. If the GUIDE Plus+ system isn't on your screen, press GUIDE on your remote control.
- 2. Press MENU on the remote to select the Menu bar.
- 3. Use the arrows to highlight the *Messages* menu selection.
- 4. Highlight the message you want to read by using the up and down arrow buttons.
- 5. Press INFO to display the full text of the message. If the text continues beyond the screen, press INFO to view the next page of text. Once you have reached the end of the message, press INFO to close the expanded information and return to the *Messages* screen.

Then use the Messages Menu Action Button as described next.

Messages Menu Action Button

When viewing the *Messages* menu the following Action button appears:

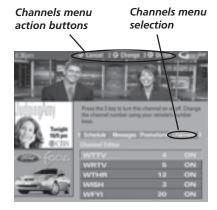


• *Remove* Highlight the message you want to delete and press 1 on the remote.

5

Remove

Using the TV's Features



10	Cancel	20	Channe	30	Ω_n/Ω_f
	Callicel		Ginange		011/01

Channels

You can customize the channel listing by enabling or disabling the display of certain channels. For instance, you may disable channels that you never watch. You can restore disabled channels at a later point in time.

- 1. If the GUIDE Plus+ system isn't on your screen, press GUIDE on your remote control.
- 2. Press MENU to select the Menu bar.
- 3. Use the right and left arrows to highlight the *Channels* menu selection.
- 4. Use the up and down arrows to select a channel.

Then use the Channels Menu Action Buttons as described next.

Channels Menu Action Buttons

While browsing the *Channels* menu, the following Action buttons appear:

- *Cancel* Press 1 on the remote to cancel any changes you made since entering the *Channels* Menu.
- *Change* Press 2 on the remote to change the channel number for the highlighted channel line.
- **On/Off** Press 3 on the remote to toggle the state of the channel between *On* and *Off*.

Setup

The *Setup* menu allows you to access the GUIDE Plus+ system setup information. To access the Setup option:

- 1. If the GUIDE Plus+ system isn't on your screen, press GUIDE on your remote control.
- 2. Press MENU to select the Menu Bar.
- 3. Use the right arrow to highlight the *Setup* menu selection.
- 4. Use the up and down arrows to select *Change system settings, Review options,* or *View demo.*
 - *Change system settings* Confirms the settings you completed in the GUIDE Plus+ system setup are correct.
 - **Review options** Displays the GUIDE Plus+ system auto display options.

On Automatically displays the GUIDE Plus+ system when you press the ON•OFF button on the remote control.

Off Disables the GUIDE Plus+ system from being displayed when you press the ON•OFF button on the remote control.

• View demo Runs the GUIDE Plus+ system demonstration.

Note: If you have not completed your GUIDE Plus+ system setup, these options will not be available. A screen will prompt you to complete your setup.



Promotional information

Т	TV MAIN MENU
3 Screen 4 Channe 5 Time 6 Parent <mark>7 GUIDE</mark>	
8 Setu; <u>O Exit</u>	GUIDE PLUS+ MENU 1 GUIDE Plus+ Setup 2 GUIDE Plus+ Label 3 Continuous Demo 0 Exit

How to Get More Information About an Advertisement or a Program

To find out more information about a program, advertisement or special, use the left arrow button to highlight the channel listing or promotional information box.

Requesting more information about a particular show displays the PlusCode programming number and the *Shows on Next* for that channel.

Press the INFO button to exit the expanded information screen.

Promotions

The *Promotions* menu displays a list of all the promotions available through the GUIDE Plus+ system. Highlight the *Promotions* menu and then use the down arrow to scroll through the list. When the promotion you want to view is highlighted, press INFO (the promotional information appears on-screen). Press the right arrow to return to the Promotions list.

GUIDE Plus+ Menu Items

The *GUIDE Plus+ Menu* gives you access to features in the GUIDE Plus+ system. To access the *GUIDE Plus+ Menu*:

- 1. Press MENU on the remote.
- 2. Highlight GUIDE Plus+ Menu and press OK.

Each menu and the sub-menus are listed below:

GUIDE Plus+ Setup Displays *STEP 4: Confirming Your Settings* screen of the GUIDE Plus+ system setup.

Yes, everything is correct Confirms the settings you completed in the GUIDE Plus+ system setup are correct.

Yes, but my channel lineup is incorrect Displays *STEP 5: Choosing Your Channel Lineup* screen, allowing you to change your lineup if it is incorrect.

No, repeat setup process Begins the GUIDE Plus+ system setup.

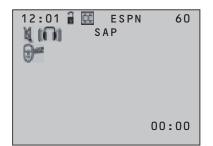
GUIDE Plus+ Label Displays the GUIDE Plus+ label menu.

On Displays the station name when you change channels.

Off The station name isn't displayed when you change channels.

Continuous Demo Runs the GUIDE Plus+ system demonstration until it is turned off. To turn off the demonstration you must turn off the TV.

Note: If you have not completed your GUIDE Plus+ system setup, these options will not be available. A screen will prompt you to complete your setup.



Sample displays on a Channel Banner.

Channel Banner

There are several indicators that might appear when you press the TV or INFO buttons on the remote. This display is called the Channel Banner. The following list describes the items on the Channel Banner screen (left to right and top to bottom).

12:01	Displays the current time.
3	The lock is displayed to indicate when the Parental Controls are locked or unlocked.
00	Displayed when Closed Captioning is available on the current channel.
ESPN	Displays the label assigned to the current channel.
60	Displays the current channel or input channel.
K.	Mute is displayed when you mute the audio.
((()))	Stereo is displayed when the current channel is broadcasting in Stereo.
SAP	Displayed when the current channel is broadcasting SAP (Second Audio Program) information.
	Displayed when the Sleep Timer has been set.
00:00	Displayed to count down time left on the commercial skip (SKIP) timer.



With the auto tuning feature, you can set up the TV to tune to the channel you need to watch by pressing that component's button.

Why You Should Use the Auto Tuning Feature

The auto-tuning feature automatically tunes the TV to the correct channel for different components you have connected to your TV (like a VCR, DVD Player, etc.) When you set up auto tuning in the menu system you don't have to remember to change your TV to channel 3, for example, when you want to watch the tape in your VCR.

How to Set Up the Auto Tuning Feature

The way you set up the auto tuning feature in the TV's menu corresponds to the component buttons on the remote and the way you have each component connected to your TV. When you set auto tuning, you're telling the TV what channel to tune to when you press the VCR, DVD, or SAT•CABLE button on the remote control.

	TV MAIN MENU
3 Scre 4 Chan	ure Quality en
5 Time 6 Pare 7 GUID 8 Setu 0 Exit	CHANNEL 1 Signal Type 2 Auto Channel Search 3 List and Labels 4 Auto Tuning 0 Exit

SET SAT/CABLE CHANNEL
1 Not connected
2 Channel 2
3 Channel 3
4 Channel 4
5 Video Input 1
6 Video Input 2

- **Using the TV's Features**
- 1. Press MENU (the TV MAIN MENU appears).
- 2. Highlight Channel and press OK on your remote control.
- 3. Highlight Auto Tuning and press OK.
- 4. Choose which channel you would like to set:

Set VCR Channel Displays a list that lets you set up the channel that the TV tunes to when you press the VCR button on the remote.

Set DVD Channel Displays a list that lets you select the channel that the TV tunes to when you press the DVD button.

Set SAT/CABLE Channel Displays a list that lets you set up the channel that the TV tunes to when you press SAT•CABLE.

5. Highlight the choice that matches the way you have the component connected to this TV, and press OK.

The choices and a brief explanation follow:

Not connected Choose this if you don't have this particular component connected to the TV, or if you don't want the TV to automatically tune to the correct channel when you're using this component.

Channel 2 (SAT/CABLE only) Component (satellite or cable box) is connected to the CABLE/ANTENNA jack on the back of the TV, and you want the TV to tune to channel 2 when you press the SAT• CABLE button on the remote. Reminder: make sure the component's Channel 2/3/4 switch is set to channel 2. Usually this switch is on the back of the component.

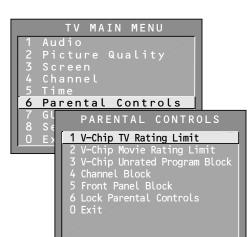
Channel 3 Component is connected to the CABLE/ANTENNA jack on the back of the TV, and you want the TV to tune to channel 3 when you press the corresponding button on the remote. Reminder: make sure the component's Channel 3/4 switch is set to channel 3.

Channel 4 Component is connected to the CABLE/ANTENNA jack on the back of the TV, and you want the TV to tune to channel 4 when you press the corresponding button on the remote. Reminder: make sure the component's Channel 3/4 switch is set to channel 4.

Video Input 1 Component is connected to the INPUT1 VIDEO jack on the back of the TV and you want the TV to tune to VID1 Input Channel when you press the component button.

Video Input 2 Component is connected to the INPUT2 VIDEO jack on the back of the TV and you want the TV to tune to VID2 Input Channel when you press the component button.

Note: You should choose Video Input 1 or 2 for your VCR if you connected it to the TV with audio/video cables.



Parental Controls and V-Chip

The *Parental Controls* menu allows you to program your TV so that children cannot see certain programs, channels, or use the front panel controls. The first three choices in the *Parental Controls* menu involve software inside your TV (referred to as V-Chip) which allows you to block TV programs and movies based on violence, sex, or other content you may believe children should not view. In other words, it lets you program your TV so it won't display certain programs.

Once you block programs, you or other adults can unblock programs by entering a password.

By default, the software inside your TV is turned "off," so if you don't want to use this feature, you can just ignore it.

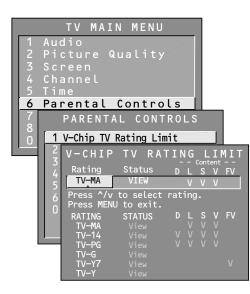
How V-Chip Works

When turned "on," the V-Chip software reads a code that most broadcasters send with programs. That code tells the software the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains, you will receive the message, "This channel is not approved for viewing," when you tune to that particular channel.

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given a rating of "Not Rated," and programs that are considered "unrated" because no code has been sent by the broadcaster. The TV age-based ratings and content themes you can block are listed in the following table.

NOTE: NOT ALL BROADCAST SERVICES ASSOCIATED WITH THIS PRODUCT, SUCH AS THE ELECTRONIC PROGRAM GUIDE SERVICE, ARE CURRENTLY AVAILABLE OUTSIDE THE UNITED STATES AND CANADA. PLEASE CHECK WITH YOUR LOCAL DEALER OR BROADCASTER FOR CURRENT AVAILABILITY OF SUCH SERVICES.

Age-Based Rating	Description and Content Themes for Age-Based Ratings
TV-MA	Mature Audience Only . Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).
TV-14	Parents Strongly Cautioned . Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).
TV-PG	Parental Guidance Suggested . Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).
TV-G	General Audience . Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).
TV-Y7	Directed to Children 7 years and older . Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make- believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.
TV-Y	All Children . Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.



V-Chip TV Rating Limit

The *V-Chip TV Rating Limit* lets you decide which TV programs can and cannot be viewed.

To set TV programming limits:

- 1. Choose *Parental Controls* from the Main menu. If Parental Controls have previously been locked, you must enter your password. If they are not locked, you will get a message reminding you that your limits will not be effective until you lock Parental Controls.
- 2. Press MENU to continue.
- 3. Highlight and select V-Chip TV Rating Limit.
- 4. Once you get to the *V-Chip TV Rating Limit* screen, use the arrow buttons and OK on your remote to change the status of a TV program rating or content theme from *View* to *Block*.

The following sections give you more details about how to change the status of TV program limits.

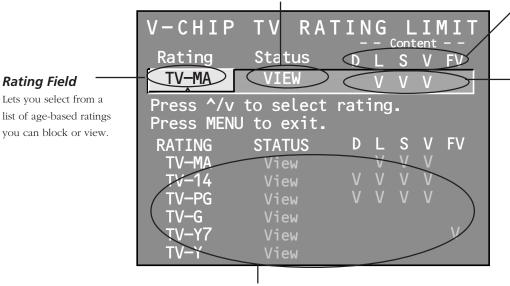
The V-Chip Rating Limit Screen

Rating Field

The following is an example of where items are located within the Rating Limit screen.

Rating Status Field

Lets you select whether the status of the age-based rating limit to the left is View or Block.



Content Themes Lists the content themes you

can block or view.

Content Status Fields

Lets you select which content themes to view for the selected rating, and whether the status of the content theme is currently View (V) or Block (B).

Rating Settings Area

Lets you see the current block/view state of age-based ratings and associated content. The View (V) settings are coded in green, and the Block (B) settings are coded in red.

Rating field	Rating status field /	_		ter us	nt fields
V – CHII Rating	P TV RAT Status		L Cont S B	I ent V B	MIT FV
Press ^// this rat	v to view pr ing. Press M			ith kit	
RATING TV-MA TV-14 TV-PG	STATUS Block Block Block	L B B B	S B B B B		FV
TV-G TV-Y7 TV-Y					V

Tip

When you change the status of a rating to Block, the system will automatically block higher ratings and all corresponding content themes.

Blocking Age-Based Ratings

You can automatically block all program ratings above a specified age-based rating level. For example, if you only want your child to watch programs that have a TV-G rating and lower (in other words, you want the child to watch TV-G, TV-Y7, and TV-Y), then you need to block out other programming with higher ratings.

To block programs with higher ratings:

- 1. First, determine the lowest level rating you don't want the child to watch (see chart of age-based ratings on next page).
- 2. Press the left and right arrow buttons to highlight the *Rating* field.
- Press the up and down arrow buttons on the remote to scroll through the 3. age-based rating limits. Keep scrolling until the rating corresponding with the lowest rating you do not want the child to watch appears on the screen.

In the example discussed above, you would scroll through the Rating field until TV-PG appears, since the highest rating you want the child to watch is TV-G.

Hierarchy of Age-Based Ratings				
TV-MA	Mature Audience Only			
TV-14	Parents Strongly Cautioned			
TV-PG	Parental Guidance Suggested			
TV-G	General Audience			
TV-Y7	Directed to Children 7 years and older			
TV-Y	All Children			

- 4. Press the right arrow button to move the yellow highlight to the *Status* field.
- 5. Press the up or down arrow button to toggle between *View* and *Block*. The status for the rating listed to the left and all higher ratings automatically changes to *Block* (and *B*).
- 6. Press OK on the remote to return to the menu or exit the screen when you are finished.
- 7. Select *Lock Parental Controls* from the *Parental Controls* menu. Enter a password, and if you have not already set your password, you will be prompted to enter it again to confirm.

Rating field 	Rating status field /	-	on tat		nt fields
V-CHIF Rating	P T V RAT Status			I ent V	MIT FV
	v to block p ing. Press M				
RATING TV-MA	STATUS Block	L B			FV
TV-14 TV-PG					
TV-G TV-Y7 TV-Y	View View View				V

Viewing Age-Based Ratings

After you block age-based ratings, you have the option of changing some of the ratings back to *View*.

- 1. Determine which blocked rating you want to view.
- 2. Use the up and down arrow buttons to select the rating with a status of *Block*.
- 3. Press the right arrow button to move the yellow highlight to the rating status field.
- 4. Press the up button to select View.

Notes: The content status fields corresponding to the unblocked rating become *View* as well. They and the age-based rating status are the only fields that automatically change back to *View* when you complete this process.

You must remember to lock Parental Controls for rating limits to take effect.

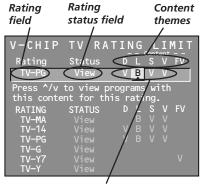
Content Themes		
D	Sexually explicit dialogue	
L	Adult language	
S	Sexual situations	
V	Violence	
FV	Fantasy Violence	

Blocking Specific Content Themes

You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen. See the beginning of this section for details.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

For example, if you do not want your child to watch programs that have adult language (L) rated TV-PG or higher, then you could block out all programming TV-PG and above containing adult language.

(Steps explained on next page)



Content status fields

To block program content:

- 1. Determine the lowest level of content you don't want the child to watch.
- 2. Use the up and down arrow buttons on the remote to scroll through the age-based ratings until the rating that corresponds with the lowest content you do not want the child to watch appears. (In the example above, you would scroll through the ratings until the TV-PG rating appeared.)
- 3. Press the right arrow button to move the highlight to the field corresponding with the content theme you want to block out.
- 4. Press the up or down arrow button to change content status from *V* to *B*. All higher ratings' content theme will automatically change to *B*.
- 5. Press OK to return to the menu or exit the screen.

Notes: Broadcasters are not required to provide content themes or age-based ratings. Programs received with no content themes will only be blocked if you block their age-based rating.

You must remember to lock Parental Controls for rating limits to take effect.

Rating	Rating	Content
field	status field	themes
/	/	/
V-CHIP Rating	TV RATIN	G LIMIT
Press ^/v	to block progr	ans with
this cont	ent for this ra	ting.
RATING	STATUS D	LSVFV
TV-MA	View	BVV
TV-14	View V	VVV
TV-PG TV-G TV-Y7 TV-Y	View V View View View	BVV V

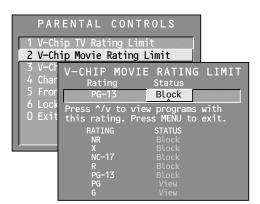
Content status fields

Viewing Specific Content Themes

If you block specific content themes, you have the option of going back and changing some of the content themes back to *(V) View*:

- 1. Determine the content themes you want to change to (V) View.
- 2. Use the up and down arrow buttons to scroll through the age-based ratings until the rating whose content theme you want to change to *View* appears.
- 3. Press the right arrow button to move the yellow highlight to a particular content theme status, such as the *B* under language (L) corresponding with TV-14.
- 4. Press the up or down arrow button to change its status back to *V*. Your child would then be able to watch programs with TV-14 adult language content, but not programs with TV-PG or TV-MA language content.

Note: Only the content theme status corresponding to TV-14 (L) language changes to (V) View. Higher rated content themes, such as that for TV-MA language, do not change.



V-Chip Movie Rating Limit

You set movie rating limits by blocking movies rated above a specified level. How to block movie ratings and view movie ratings is explained in the next two sections.

To access the V-CHIP MOVIE RATING LIMIT menu:

- 1. Press MENU on the remote control (the TV MAIN MENU appears).
- 2. Select Parental Controls (press 6).
- 3. Select V-Chip Movie Rating Limit (press 2).

Rating field	Rating status field
V-CHIP MO Nating PG-13	VIE RATING LIMIT Status
	view programs with Press MENU to exit.
RATING NR NC-17 R PG-13 PG G	STATUS Block Block Block Block Block View View View

Blocking Movie Ratings

If you only want your child to watch movies that have a PG rating and lower (in other words, movies rated PG and G), then you could automatically block out all other movies with higher ratings.

To block movies:

- 1. Highlight the *Rating* field and press the up and down arrow buttons to find the rating that is the lowest rating you don't want the child to watch. (In the example above, you would highlight the rating status button corresponding to PG-13, since the highest rating you want the child to watch is PG.)
- 2. Press the right arrow button to highlight the rating *Status* field. Press the up and down arrow buttons to change the button from *View* to *Block*. All higher ratings automatically change to *Block*.
- 3. Press OK to return to the menu or exit the screen.
- 4. If Parental Controls are not locked, you must lock them so the movie rating limits will take effect.

Note: Some movies may be given a Not Rated (NR) rating. After blocking movie ratings, you must set NR to View separately to view NR movies.

Rating field	Rating status field /
	VIE RATING LIMIT
Raling	Staty's
	block programs with Press MENU to exit.
RATING	STATUS
NR	Block
X	Block
NC-17	View
R	Block
PG-13	Block
PG	View
G	View

PAI	RENTAL CONTROLS
-	
1 V-CI	nip TV Rating Limit
2 V-CI	nip Movie Rating Limit
3 V-CI	nip Unrated Program Block
4 Cha	
5 Fro	V-CHIP UNRATED PROGRAM BLOCK
6 Loc	1 View
0 Exi	
	2 Block

PARE	ENTAL CONTROLS	
2 V-Chi 3 V-Chi	p TV Rating Limit p Movie Rating Limit p Unrated Program Block el Block	
5 Frc 6 Loc 0 Exi	CHANNEL BLOCK Channel # Status 59 HEADLN Block ress ^ or v, keypad, or CH ^/v	

Viewing Movie Ratings

After you block movie ratings, you have the option of changing some of the rating status buttons back to *View*:

- 1. Highlight the *Rating* field and press the up and down arrow buttons to find the rating you want to view.
- 2. Press the right arrow button to highlight the rating *Status* field. Press the up and down arrows to change the button from *Block* to *View*.

For example, if movies with a rating of PG-13 and higher are blocked, you can change the rating status corresponding with NC-17. Your child would then be able to watch all movies with a G, PG, and NC-17 Rating.

3. Press OK to exit the screen, and be sure parental controls are locked.

V-Chip Unrated Program Block

Selecting this option lets you decide if programs that the V-Chip recognizes as "unrated" can be viewed. Note that "unrated" TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings.

View All unrated programs are available.

Block All unrated programs are not available.

Note: You must remember to lock Parental Controls for rating limits to take effect.

Channel Block

Selecting this option lets you decide what channels can be viewed.

View Makes the selected channel viewable.

Block The front panel and remote control CH (channel) buttons will tune only to channels that you have marked as *View*. The remote will still tune to the blocked channel if you use the digits to access the channel, but the channel will be blocked.

Don't forget to lock parental controls after you change the status of *Channel Block*. If you do not, the channel block will not take effect.

Note: If you have a digital cable box channels 126-999 can be blocked but will not be removable from your scan list.

ΡA	RENTAL CONTROLS
	hip TV Rating Limit
	hip Movie Rating Limit hip Unrated Program Block
	nnel Block
5 Fro	nt Panel Block
6 Loc O Exi	FRONT PANEL BLOCK
	1 Unblock
	2 Block

Front Panel Block

Selecting this option lets you block (disable) or unblock (enable) the TV's front panel. The remote still tunes to any channel. *Front Panel Block* can:

- Keep children from watching TV when the parent is not present.
- Keep young children from playing with the buttons.

(When using this as a Parental Control method, you should remove access to any remote that is capable of operating the television while you have the front panel blocked.)

Don't forget to lock parental controls after you change the status. If you do not, the front panel block will not take effect.

PARENTAL CONTROLS
1 V-Chip TV Rating Limit
2 V-Chip Movie Rating Limit
3 V-Chip Unrated Program Block
4 Channel Block
5 Front Panel Block
6 Lock Parental Controls

Lock/Unlock Parental Controls

Selecting this option lets you lock and unlock parental controls settings using a password.

If you do not lock parental controls, none of the settings for V-Chip, Channel Block, or Front Panel Block will take effect.

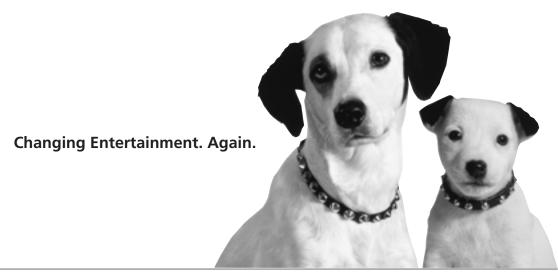
If you forget your password, simultaneously press and hold MENU on the television and volume down on the remote for 3 seconds. Nothing appears on the screen, Parental Controls simply unlock and you can re-enter a password via *Lock Parental Controls*.

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Using the TV's Menu System

Chapter Overview:

- How to Use Your TV's Menu System
- Audio Menu
- Picture Quality Menu
- Screen Menu
- Using Closed Captioning
- Channel Menu
- Time Menu



Graphics contained within this publication are for representation only.

How to Use Your TV's Menu System

You use the buttons on the remote or the front of your TV to access the menu system and make changes to the settings.

The following pages explain how to use the different types of menus to adjust the features of your TV.

TV MAIN MENU
1 Audio
2 Picture Quality
3 Screen
4 Channel
5 Time
6 Parental Controls
7 GUIDE Plus+ Menu
8 Setup
0 Exit

Tip

Feel free to explore the menu system. If you're ever unsure where you are in the menu system, or you're just plain tired of exploring, press CLEAR to remove the menus from the screen and start over again.

Т	V MAIN MENU
1 Audio	
2 Pict 3 Scre	AUDIO
4 Chan	1 Mute
5 Time	2 Tone Controls
6 Pare	3 Audio Processor
7 GUID	4 Audio Output & Speakers
8 Setu	0 Exit
0 Exit	

Menus

The first menu is called the Main menu. Press MENU on the remote or on the front panel to bring up the Main menu. Note that holding MENU for 2 seconds displays the GUIDE Plus+ system.

Menus take you to another menu or a control panel. There are two ways to select a choice in a menu:

- Use your arrow buttons on your remote control to highlight your choice, and press OK.
- Press a number button on the remote. For example, in the Main menu press 3 to go straight to the *Screen* menu.

Exiting a menu

There are three ways to exit a menu:

- Highlight *Exit* and press OK.
- Press 0 on the remote.
- Press CLEAR. The on-screen displays are cleared from the screen and you return to TV viewing.

Audio Menu

Mute Press OK to reduce the TV's volume to its minimum level. Press OK again to restore the volume.

Tone Controls Displays the slider controls for adjusting the TV's treble, bass and balance.

Audio Processor Displays a choice list of available audio modes, which control the way the sound comes through your speakers. You can also access the *AUDIO PROCESSOR* menu by pressing the SOUND button on the remote.

Mono Plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals.

Stereo Splits the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio. The word *STEREO* appears on the TV when you tune to a program that is broadcast in stereo.

Expanded Stereo Electronically "widens" sound from stereo broadcasts, stereo VCRs, digital satellite systems, DVD players, and laserdisc players for a fuller, more spacious sound.

Sound Logic[™] *Stereo* Reduces the annoying blasts in volume during commercial breaks, and also amplifies softer sounds in program material. Eliminates the need to constantly adjust volume control.

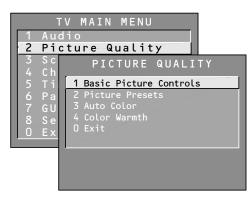
Second Audio Program (SAP) Plays the program's audio in a second language, if one is available. The word *SAP* appears on the TV when you tune to a program that is broadcast with SAP information. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired.

Audio Output & Speakers Displays a choice list that lets you turn the TV's internal speakers on or off, and set the audio outputs to fixed-level or variable control level.

Variable Output, Speakers On This setting turns the TV's speakers on and allows variable output from the TV's audio output jacks.

Variable Output, Speakers Off This setting turns the TV's speakers off and allows variable output from the TV's audio output jacks to an external component such as a surround sound amplifier.

Fixed Output, Speakers Off This setting turns the TV's speakers off and allows fixed output from the TV's audio output jacks to an external component such as a surround sound amplifier. When you choose *Fixed Output Off*, the TV's volume control, tone controls, and mute are disabled.



Picture Quality Menu

Basic Picture Controls Displays the five slider controls for adjusting the way the picture looks.

Contrast Adjusts the difference between the light and dark areas of the picture.

Color Adjusts the richness of the color.

Tint Adjusts the balance between the red and green levels.

Black Level Adjusts the brightness of the picture.

Sharpness Adjusts the crispness of the edges in the picture.

When exiting this menu, the *Save Personal Picture Preset* choice list appears. You can choose either *Yes* or *No*. If you save the settings as a Personal Picture Preset, the TV stores the settings so you can re-select them quickly if someone changes the settings.

Note: You can change the picture controls for each component connected to your Video, Y, P_{g} , P_{R} and S-Video jacks on the back of your TV. The next time you tune to the component, the picture changes according to the settings you created previously.

Using the TV's Menu System

Picture Presets Displays a choice list that lets you select one of three preset picture settings: *Bright Lighting, Normal Lighting, Soft Lighting or Personal Picture Preset.* Choose the setting that is best for your viewing environment.

Auto Color Displays a choice list that lets you turn on the feature that automatically corrects the color of the picture. (This is especially useful for tracking realistic flesh tone colors as you switch from channel to channel.) Choose *On* or *Off*, depending on your preference.

Color Warmtb Displays a choice list that lets you set one of three automatic color adjustments: *Cool* for a more blue palette of picture colors; *Normal*, and *Warm* for a more red palette of picture colors. The warm setting corresponds to the NTSC standard of 6500 K.

1 Audio	V MAIN MENU re Quality
4 Chan 5 Time 6 Pare	SCREEN
7 GUID 8 Setu 0 Exit	1 Closed-Caption Display 2 Closed-Caption Mode 3 Menu Language 0 Exit

Screen Menu

Closed-Caption Display Displays a choice list that lets you choose the way closed captioning information is shown on the screen.

Off always No captioning information is displayed.

On always Captioning information is shown always, when available.

On when sound is muted Captioning information is shown, when available, whenever the TV's sound is muted. (To mute the sound, press the MUTE button.) The captioning information is not displayed when the sound is not muted.

Closed-Caption Mode Displays a choice list that lets you choose which captioning mode is used for displaying captioning information.

Menu Language Displays a choice list that lets you select your preferred language for the menus: *English, Spanish* or *French.*

Using Closed Captioning

Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. When a program is closed captioned, the *CC* icon is displayed in the channel banner. See Chapter 3 for more information about the channel banner.

NOTE: NOT ALL BROADCAST SERVICES ASSOCIATED WITH THIS PRODUCT, SUCH AS THE ELECTRONIC PROGRAM GUIDE SERVICE, ARE CURRENTLY AVAILABLE OUTSIDE THE UNITED STATES AND CANADA. PLEASE CHECK WITH YOUR LOCAL DEALER OR BROADCASTER FOR CURRENT AVAILABILITY OF SUCH SERVICES.

1	CC1	
	CCI	
2	CC2	
3	CC3	
4	CC4	
5	Text	1
6	Text	2
7	Text	3
8	Text	4

Tip

If you don't know which Closed-Caption mode to use, select CC1. CC1 is probably the mode that is used in your area. CC2, CC3, and CC4 are reserved for foreign languages, but are rarely used at this time.

Closed-Caption Modes

The TV offers eight closed-captioned modes, including four text modes.

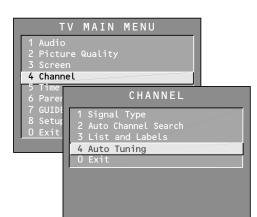
To set the Closed-Caption Mode:

- 1. Select Screen from the Main menu.
- 2. Highlight *Closed-Caption Mode* and press OK (the *Closed-Caption Mode* appears).
- 3. Highlight your choice and press OK (the Screen menu appears again).

Note: The *Text* modes cover nearly half of the picture on the screen to display the closed-captioned text. Most broadcasters use the CC mode, which displays a few lines of captions at a time.

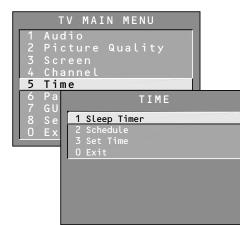
Turning off Closed-Caption

- 1. Select Screen from the Main menu.
- 2. Press OK to select Closed-Caption Display.
- 3. Highlight *Off Always* and press OK. The closed captioning is turned off and you go back to the *Screen* menu.



Tip

To enter a number greater than 99, press and hold "1" to enter the hundreds digit, then press the two remaining numbers.



Channel Menu

Signal Type Displays a choice list that lets you select the current antenna type. This option does not appear when the GUIDE Plus+ system is set up.

UHF/VHF Antenna Choose this if you are currently using an off-air antenna for TV signals.

Cable TV Choose this if you are currently using cable or a cable box for TV signals.

Auto Channel Search Tells the TV to search automatically for all the channels available through the antenna input. When the TV finds an active channel, it places it in the Normal channel list; inactive channels (weak stations or channels with no signal at all) will be removed from the channel list. If you are using a cable box and have set up the GUIDE Plus+ system, this option does not appear.

List and Labels Displays a control panel that lets you edit your Normal channel list and choose a six-character label for each channel. Follow the onscreen directions to enter your channels and other information.

Channel # Use the up and down arrows to scroll up and down through the channels available via your antenna. You can enter the channel number directly using the number buttons.

Normal List Only the channels included in the Normal list are available when you scan up and down using channel up and down. Use the up and down arrow buttons to indicate whether the channel number indicated is included (*Yes*) or is not included (*No*) in the Normal channel list.

Channel Label Use the up and down arrow buttons to enter a sixcharacter label for each channel. Hold the button down to scroll quickly through the characters. The TV can store up to 27 labels in memory.

Auto Tuning Displays a choice list that lets you set up the TV to automatically tune to the correct input channel when you press a component button (VCR, DVD, or SAT•CABLE) on the remote. Go to Chapter 3 for details about the Auto Tuning feature.

Time Menu

Sleep Timer Displays a control panel that lets you select the amount of time you want to give the TV before it shuts itself off.

Schedule Displays a control panel that lets you set up a schedule for turning the TV on and off automatically. Reminder: you must turn the schedule On. The on-screen directions guide you through the steps needed to set the schedule.

Set Time Displays a control panel that lets you enter the current time. The onscreen directions guide you through the steps needed to set the time. If your GUIDE Plus+ system is set up, it will automatically update your time and this option will not appear.

Other Information

Chapter Overview:

- Troubleshooting
- Care and Cleaning
- The Front of Your TV
- Limited Warranty
- Accessory Order Form
- Index



Graphics contained within this publication are for representation only.

Troubleshooting

Most problems you encounter with your TV you can correct by consulting the Troubleshooting list that follows.

Note: If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359.

TV Problems

TV won't turn on

- Press the TV button.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions on page 56.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Controls* menu and choosing *Unblock*.

Controls don't work

- If you're using the remote control, press the TV button first to make sure the remote is in TV mode.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Controls* menu and choosing *Unblock*.
- Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again.

TV turns off while playing

- Scheduled Off function may have been activated. Go to page 52 for instructions.
- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn the TV on again. If this happens frequently, the voltage in your house may be abnormally high or low.

TV turns on unexpectedly

• Scheduled On or Watch from the GUIDE Plus+ system may have been activated. Go to page 32 or 52 for instructions.

Blank screen

- Make sure the component connected to the TV is turned on.
- Try another channel.

When I turn on the TV an icon is moving on the screen

• Make sure you have removed the Demo Pin from the G-LINK jack on the back of your TV.

No sound, picture okay

- Maybe sound is muted. Press the volume up button to restore sound.
- Maybe speakers are turned off. Check the *Audio Output* and *Speakers* control panel in the *Audio* menu. Go to page 49 for detailed instructions.
- If using S-VIDEO cables to connect a component, remember to also connect the component's left and right Audio Output Jacks to the TV's R-AUDIO-L INPUT1 Jacks.

Can't select certain channel

- Channel may be blocked or not approved in the *Parental Controls* menu.
- If using a VCR, make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Noisy stereo reception

• The station might be weak. Press the SOUND button on your remote control to change from stereo to mono.

Troubleshooting

No picture, no sound but TV is on

- Maybe the cable/air setting is set to the wrong position. Select *Signal Type* from the *Channel* menu. Go to page 52 for more information.
- The channel might be empty change channels.
- If you're watching your VCR and it's connected with coaxial cable to the CABLE/ANTENNA jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).
- If you're trying to watch content from a component that's connected to the TV (like a DVD player or VCR), press the INPUT button on the remote control until the content appears.

Sound okay, picture poor

- Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
- Try adjusting sharpness function to improve weak signals. Go to page 49 for more instructions.

Black box appears on the screen

• Closed-captioning might be on. Check the *Closed-Caption Display* control panel in the *Screen* menu. Go to page 50 for more instructions.

Every time I turn on the TV, the Guide is on the screen

• The GUIDE Plus+ system automatically appears on the screen when you use the TV button on the remote to turn on the TV. You can turn off this feature by pressing GUIDE on your remote control and then select the Menu bar. Press the right arrow button to select *Setup*. Choose *Review options* and select *OFF*.

Can't see commercial skip timer

• If closed-captioning is on, skip timer does not stay on-screen. To turn off closed-captioning, go to page 50.

GUIDE Plus+ System Problems

GUIDE Plus+ setup won't switch to channel 9 for VCR and/or channel 02 cable box

- Make sure you have removed the Demo Pin from the G-LINK jack. Check to see if the G-LINK wands are positioned correctly in front of components' remote sensors.
- GUIDE Plus+ system control of cable box is slower than direct control of the box itself. Keep this in mind when changing channels.
- You may have an incorrect GUIDE Plus+ Channel Lineup. The guide may get out of sync with the cable provider. Use the *GUIDE Plus+ Setup* in the *GUIDE Plus+ Menu* to change the zip code to 99999. Turn the TV off for 10 minutes. Use Setup again to change the zip code back to the correct value. If asked, be sure to select the correct channel lineup from the on-screen list.

Program information doesn't download

- Review your setup information and make sure it's correct. Press MENU on the remote and select *GUIDE Plus+ Setup*. Go to page 15 for detailed instructions about the GUIDE Plus+ Setup menus.
- The TV must be off to download information. Leave your TV off overnight, for at least 10 hours, to receive the initial download for your area.
- If you're using a cable box, leave it on so you can receive program information.

Scheduled Watch or Record doesn't occur

- Check Schedule for timer conflicts. Go to page 32 for instructions.
- Make sure the wands of the G-LINK cable are placed in front of the remote sensor(s) on the component(s).
- Make sure your VCR is turned off during the time you've scheduled to record a program because the system turns the VCR on when it starts recording (if it's already on when recording starts, the system will turn it off).
- Make sure there is a tape in the VCR and that the VCR is connected properly.
- Be sure that you set up the VCR in the *GUIDE Plus+ Setup* menus. If you don't complete the *Configuring for a VCR* steps successfully, the Record option won't be available. Go to page 18 for detailed instructions.
- If a cable box is attached to your TV, make sure you set it up correctly in the *GUIDE Plus+ Setup* menus. Go to page 16-17 for detailed instructions.

The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the component (TV or VCR) that you're trying to operate.
- Maybe remote is not in TV Mode. Press the TV button so remote will control TV.
- Maybe batteries in remote are weak, dead or installed incorrectly. Put new batteries in the remote. (Note, if you remove the batteries, you may have to reprogram the remote to operate other components.)
- You might need to drain the remote's microprocessor: remove batteries and press the number 1 button for at least 60 seconds. Release the 1 button, replace the batteries, and (if necessary) program the remote again.

Problems with V-Chip/Parental Controls

The rating limits don't work

• You must lock the settings. Go to the *TV MAIN MENU* (press MENU on your remote), select *Parental Controls* (press 6 on your remote), select *Lock Parental Controls* (press 6 on your remote).

I don't remember my password and I want to unlock the TV

• If you forget your password, simultaneously press and hold MENU on the television and volume down on the remote for 3 seconds. Nothing appears on the screen, Parental Controls simply unlock and you can re-enter a password via *Lock Parental Controls*.

The V-Chip won't let me watch a program even though it's not rated as violent.

• Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set *NR* to *View* separately in order to view movies with an NR rating.

Problems with VPORT Connection

No picture

- Press the WHO•INPUT button until VPORT appears on-screen.
- If using the Component video to VPORT cable, make sure the cables to the other component are connected correctly.
- If using the Xbox to VPORT cable, make sure the end labeled TV is connected to the TV and the other end is connected to the Xbox video game system. No other gaming device can be connected to the TV with this cable.

No sound or poor sound

- If using the Component video to VPORT cable, make sure the red and white cables are connected to the Audio Output Jacks.
- If using the digital audio jack on the Xbox to VPORT cable, make sure the cable is fully connected to the jack and the audio receiver.

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.

You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammoniabased cleaners, or abrasive powder. These types of cleaners will damage the TV.

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, avoid placing drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

The Front of Your TV

Front Panel

If you can't find your remote control you can use the buttons on your TV to operate many of the TV's features.

MENU Brings up the TV MAIN MENU. When in the menu system, it selects highlighted items. Also returns you to the previous menu. Press and hold MENU for two seconds to access the GUIDE Plus+ system.

CH V Scans down through the current channel list. When you're using the TV's menu system, it acts like the arrow down button on the remote control.

CH A Scans up through the channel list. When you're using the TV's menu system, it acts like the arrow up button on the remote control.

VOL – Decreases the volume. When you're using the TV's menu system, it acts like the left arrow button on the remote control.

VOL + Increases the volume. When you're using the TV's menu system, it acts like the right arrow button on the remote control.

POWER Turns the TV on and off.



Front Panel Jacks

You can access the component you connected to the front of the TV by pressing the WHO•INPUT button on your remote until FRNT appears on the screen.

PHONES Allows you to connect headphones to listen to the sound coming from the TV.

VIDEO (in) Receives video from another component such as a VCR, camcorder or video game console.

L/MONO and R AUDIO Receives audio from another component such as a VCR, camcorder or video game console.

Limited Warranty

What your warranty covers:

• Defects in material or workmanship.

For how long after your purchase:

- One year from date of purchase for labor charges.
- One year from date of purchase for parts.
- Two years from date of purchase for picture tube.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm whichever comes first.

What we will do:

- Pay any Authorized RCA Television Service Center the labor charges to repair your television.
- Pay any Authorized RCA Television Service Center for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television.

How you get service:

- For 20" screen size: Take your RCA television to any Authorized RCA Television Service Center and pickup when repairs are complete.
- For screen sizes larger than 20": Request home or pick up, repair and return service from any Authorized RCA Television Service Center, provided that your television is located within the geographic territory covered by an Authorized RCA Television Service Center. If not, you must take your television to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your television to and from your home.
- To identify your nearest Authorized RCA Service Center, ask your dealer, look in the Yellow Pages, or call 1-800-336-1900.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your product. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Damage from images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Acts of nature, such as but not limited to lightning damage.
- A television purchased or serviced outside the U.S.A.

Product Registration:

• Please complete and mail the Product Registration Card packed with your TV. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON MULTIMEDIA INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON MULTIMEDIA INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

• This warranty does not apply. Contact your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

Other Information

Accessory Order Form

Description	Part No.	Price	Qty
Screw-on antenna cable (3-ft)	VH81	\$3.95	
Screw-on antenna cable (6-ft)	VH82	\$4.95	
Push-on antenna cable (6-ft)	VH89	\$5.95	
Monaural VCR Dubbing Cable (6-ft)	VH83	\$5.95	
Stereo VCR Dubbing Cable (6-ft)	VH84	\$9.95	
Component Video Cables (6-ft)	DT6DC	\$24.95	
Component Video Cables (12-ft)	DT12DC	\$34.95	
S-Video Cable (6-ft)	VH976	\$7.95	
S-Video Cable (12-ft)	VH913	\$14.95	
2-way Signal Splitter	VH47	\$3.95	
Amplified Antenna	ANT200	\$49.95	
Remote Control (RCR160TCM1)	257217	\$29.95	
Antenna Mixer (not shown)	193984	\$11.15	
Audio•Video Adapter (not shown)	228449	\$4.45	
Xbox to VPORT Cable (not shown)	GP641XB	\$29.99	
Component Video to VPORT Cable (not shown)	GP650XB	\$29.99	

Prices are subject to change without notice.	
Total Merchandise	\$
Sales Tax	\$
We are required by law to collect the appropriate sales tax for each individual state, country, and locality to which the merchandise is being sent.	
Shipping and Handling	\$ 5.00
Total Amount Enclosed	\$
Use VISA, MasterCard, or Discover Card preferably.	
Money order or check must be in U.S. currency only.	
No COD or CASH.	

All accessories are subject to availability. Where applicable, we will ship a superseding model.

59

Please complete other side also

VH81 (3-ft) VH82 (6-ft) *Screw-on Cable* attaches to the round antenna

connectors (called 75-ohm F-type) on the back of your VCR or TV. The ends screw

onto the connectors for a secure connection.

Push-on Cable attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. Ends push on

for a quick connection.

Monaural VCR Dubbing Cable Double cable that lets you connect the video and audio jacks of two VHS VCRs to duplicate tapes.

Can also be used to connect a VCR to your TV. Cable is color-coded and shielded.

Has RCA-type phono plugs

Stereo VCR Dubbing Cable Triple cable that lets you connect the VIDEO and AUDIO jacks of stereo components.

Component Video Cables Triple cable used to connect a video source with Y, P_p , P_p

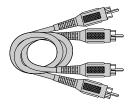
Detach Here

jacks to the TV.

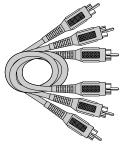
on each end.



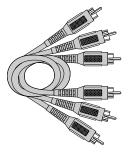
VH89 (6-ft)



Gold-Tipped cable VH83 (6-ft)



Gold-Tipped cable VH84 (6-ft)

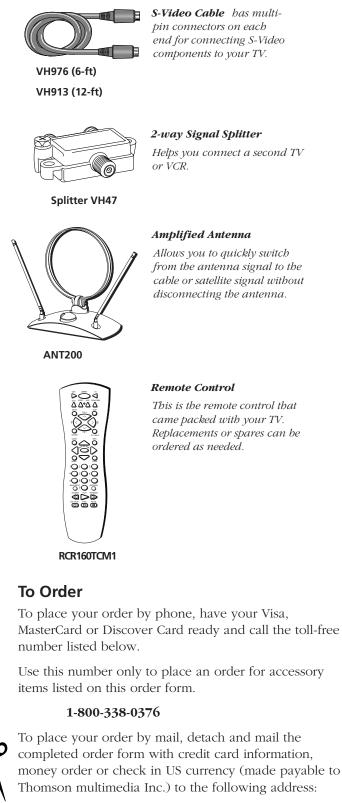


Gold-Tipped cable DT6DC (6-ft) DT12DC (12-ft)

Continued on next page......

Other Information

Charge your order on your VISA, MasterCard, or Discover Card by
filling in below USE YOUR CREDIT CARD
IMPORTANT: Copy complete account number from your VISA card
My card expires:
IMPORTANT: Copy complete account number from your MasterCard
Copy Number above your name on MasterCard
IMPORTANT: Copy complete account number from your Discover Card
My card expires:
AUTHORIZED SIGNATURE (Credit card order will not be processed without signature)
Print or type your name and address clearly. A complete and correct order will save you days of waiting.
Name:
Street:
Apt:
State: Zip:
Daytime phone number:
Please make sure that both sides of this form have been filled out completely.Allow 4 weeks for delivery.All accessories are subject to availability.Prices are subject to change.



Video Accessories PO Box 8419 Ronks, PA 17573

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EXPORTER:

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